CONSTRUCTION DETAILS

A. Install NEMA size "6" base mounted cabinet and controller with all necessary equipment as shown, (Note: 2-2" and 2-4" (schedule 80) 90° PVC bends).

B. Install handhole.

C. Install 6' x 6' loop detector encased in flexible tubing (4 turns).

D. Install 1" liquid tight non-metallic flexible conduit for detector sleeve.

E. Install 1" galvanized steel electrical conduit for detector sleeve.

F. Install 3" schedule 80 rigid PVC electrical conduit - trenched.

G. Install 4" schedule 80 rigid PVC electrical conduit - trenched for service.

H. Install 4" schedule 80 rigid PVC electrical conduit - trenched.

J. Install 4" schedule 80 rigid PVC electrical conduit - bored.

K. Install 6' x 30' loop detector encased in flexible tubing (quadrupole 3-6-3).

L. Install microloop probe set with 500' lead-in.

M. Install 24" white heat applied thermoplastic pavement marking (stop line).

N. Install 27' steel pole with 60' mast arm and signal heads, sign as shown, (Note: 1-3" 90° PVC bend).

O. Install 27' steel pole with 50' mast arm, signal heads and sign as shown, (Note: 1-3" 90° PVC bend).

P. Install 27' steel pole with 70' mast arm, signal heads and sign as shown, (Note: 1-3" 90° PVC bend).

Q. Use existing handhole and conduit to install probes.

R. Use existing electrical handhole.

S. Use existing conduit.

T. Remove existing and controller cabinet and all attached equipment. (Foundation shall be removed 12" below grade).

U. Remove existing steel pole and all attached equipment. (Foundation shall be removed 12" below grade).

V. Remove existing sidewalk or monolithic median concrete and replace after the installation of the proposed signal equipment.

W. Install microloop probe set with 1000' lead-in.

X. Install 4" schedule 80 PVC electrical conduit for BG&E supplied service.

MD 122 IS ASSUMED TO RUN IN A EAST-WEST DIRECTION

PROPOSED SIGNS

15,17,18, 20,22 — R3-5(L) 30" x 36"

27 WEST MARYLAND 122 — 25 EAST MARYLAND 122 — ASSOCIATED SHIELD ASSEMBLY 36"x 75"

24 WEST MARYLAND 122 — 26 EAST MARYLAND 122 — ASSOCIATED SHIELD ASSEMBLY 30"x 51"

21,23 Security BLVD — D3-2 DUAL FACED

16a,19a ⇦ Belmont AVE | 16b,19b Belmont AVE ⇨ — D3-2 DUAL FACED VARIABLE x 16"

PROPOSED SIGNALS

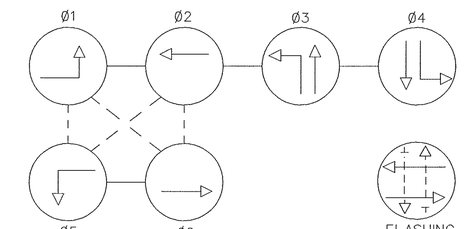
1,2,5,6 — 12"

3,4,7,8, 11,14 — 12"

9,12 — 8" 8" 8" 12"

10,13 — 12"

NEMA PHASING



Phasing Notes:
1.) Phases associated by a dashed line will operate concurrently.
2.) Phases associated by a solid line will not operate concurrently.

GENERAL NOTES:

1. This plan reflects only those underground utilities that were apparent at the time of this location being asbuilt. A detailed review was not undertaken and this plan should not be construed as representing all underground utilities in the area.
2. Any modification to this subject signal should be preceeded by a thorough identification of all existing utilities.
3. See General Information sheet for phasing and wiring details (See sheet 8 of 8).
4. All pavement markings detailed are proposed and are to be installed in accordance with SHA standards.
5. The loop detectors and conduit shall be installed prior to the installation of the pavement markings.
6. The R4-7 "KEEP RIGHT" signs and the street lighting are existing.

GEOMETRIC LEGEND
PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES
AERIAL CABLE — A — A —
ELECTRIC — E — E —
TELEPHONE — T — T —
GAS — G — G —
SEWER — S — S —
WATER — W — W —
CABLE TV — TV — TV —

REVISION "C"

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REVISIONS	
C	REDLINE REVISION TO S.H.A.# XX1005885 — 9/4/00 — EMM
B	RECONSTRUCT, ADD I/C AND SAMPLING S.H.A.# XX1005885 — 4/4/00 — EMM
A	OUT NEW LOOPS DUE TO THE WIDENING OF BELMONT AVE. S.H.A. NO: BW 757-802-412 — August 4, 1994

APPROVALS
ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
ASST. DISTRICT ENGINEER, TRAFFIC
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY
ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 122 AND BELMONT AVE./ ENT. TO SECURITY MALL

DRAWN BY:	S.T.S.	F.A.P. NO.		TS NO.	SHEET NO.
CHECKED BY:		S.H.A. NO.		3457C	
SCALE:	1"= 20'	COUNTY:	BALTIMORE	T.I.M.S. NO.	3 OF 8
DATE:	3/4/2000	LOG MILE:	03012200.27	D670	

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